

Express Mail #EL822581508US
Application No.: PCT/RU99/00037

Please replace the third paragraph on Page 14 (second paragraph of Example 5), line 16, with the following rewritten paragraph:

AS
– The construction material thus obtained with tool steel with a layer of nickel as the base material has a composite coating with an internal tungsten (W) layer of thickness 1.3 µm and an external layer of W₂C of thickness 9.1 µm. The microhardness of the coating is 2800 kG/mm². –

AS
Please replace the third paragraph on Page 22 (second paragraph of Example 21), line 21, with the following rewritten paragraph:

AS
The construction material thus obtained with tool steel R6M5 as the base material and an intermediate nickel layer 8 µm thick has a composite coating with 11 alternating layers of W and W₁₂C both with thickness 5 µm at a ratio of thicknesses 1:1 and total thickness of the composite coating 110 µm. The average microhardness of the coating is 2550 kG/mm².

In the Claims:

Please cancel Claims 66 and 90.

Please amend Claims 8-50, 57-65, 67, 69-75 and 87-89 as follows:

AS
8. (Amended) Coating, characterized in that it contains:
- an internal layer consisting of tungsten deposited on a substrate;
- and an external layer deposited on the said internal layer and containing tungsten carbide in accordance with claim 1.

AS
9. (Amended) Coating in accordance with claim 6, characterized in that its outer layer additionally contains a mixture of at least two tungsten carbides alloyed with fluorine in amounts ranging from 0.0005 to 0.5 wt% and possible with fluorocarbon compositions with carbon content up to 15 wt% and fluorine content up to 0.5 wt%.